

UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

Haley & Aldrich, Inc.
9040 Friars Road, Suite 220
San Diego, CA 92108-5860
Tel: 619.280.9210
Fax: 619.280.9415
www.HaleyAldrich.com

**Letter of Transmittal**

341

Date 19 February 2004
File Number 28882-404
From Mark Thomson

To Boeing Realty Corporation
3855 Lakewood Blvd.
Bldg. 1A MC D001-0097
Long Beach, CA 90846

Attention Bob Scott

Subject Rule 1166 Soil Excavation Monitoring, SCAQMD

Copies	Date	Description
4	2/19/04	Rule 1166 Soil Excavation Monitoring, SCAQMD

Transmitted via ☒ First class mail ☐ Overnight express ☐ Hand delivery ☐ Other

Remarks

Bob – I have enclosed 4 copies of the document referenced above, as per Scott Zachary's instructions; please feel free to call should you need further assistance.

Thanks,

Mark

**UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS**

16 February 2004
File No. 28882-404

Haley & Aldrich, Inc.
9040 Friars Road, Suite 220
San Diego, CA 92108-5860
Tel: 619.280.9210
Fax: 619.280.9415
www.HaleyAldrich.com



South Coast Air Quality Management District
21865 East Copley Drive
Diamond Drive, California 91765-4182

Attention: Mr. Ranjit Vishwanath
Staff Specialist, Engineering and Compliance Office

Subject: Rule 1166 Soil Excavation Monitoring
Boeing Realty Corporation, Former C-6 Facility
19503 Normandie Avenue
Los Angeles, California


Ladies and Gentlemen:

Haley & Aldrich Inc. (Haley & Aldrich) is submitting this letter on behalf of the Boeing Realty Corporation (BRC) to the South Coast Air Quality Control District (SCAQMD) as required by the SCAQMD to close Notification Form reference number 65882, dated 13 January 2004. This notification was submitted to the SCAQMD for the excavation of up to 1,500 cubic yards of soil at the BRC's Former C-6 Facility, located in Los Angeles, California (Site). Excavation work was performed by Innovative Construction Solutions (ICS) under a one-year Various Locations Rule 1166 Contaminated Soil Mitigation Plan (Plan No. 420450) issued to ICS by the SCAQMD on 10 October 2003.

Excavation work was performed on 19, 20, 21, 27 and 28 January 2004. SCAQMD-required Rule 1166 monitoring was performed using a photo-ionization detector (PID) during Site excavation activities. No detections of VOCs were observed during field monitoring. Copies of the Rule 1166 field monitoring logs are attached for your reference.

If you have any questions, please do not hesitate to call us at 619.280.9210 or Mr. Bill Pearce of Boeing at 562.593.3903.

Sincerely yours,
HALEY & ALDRICH, INC.


Brooks W. Pauly, P.E.
Project Engineer


Scott P. Zachary
Project Manager

Enclosure: SCAQMD Rule 1166 Monitoring Logs

cc: Bob Scott - Boeing Realty
B. Pearce - The Boeing Company

G:\Projects\ENVIRONMENTAL\28882_C6ProjectMngmt\403 Parcel A Arsenic Excavation\FNL Parcel A Rule 1166 30 day report.doc

OFFICES

Boston
Massachusetts

Cleveland
Ohio

Dayton
Ohio

Detroit
Michigan

Hartford
Connecticut

Kansas City
Kansas

Los Angeles
California

Manchester
New Hampshire

Newark
New Jersey

Portland
Maine

Rochester
New York

Santa Barbara
California

Tucson
Arizona

Washington
District of Columbia

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information	
	Name: Former C-6 Facility, Parcel A	
	Address: 19503 S. Normandie Ave, Los Angeles, CA	
Reference No(s): 28882-403	City: Los Angeles	Zip: 90501

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)
Brand: RAE	Gas: HEXANE W1	Name: TRAVIS HAMMOND	Total Cubic Yds (This page)
Model: MIN. RAE PLUS CUM	Date: 1/19/04	Company: HALEY & ALDRICH	Total Cubic Yds (To date)
Type: PID	By: TBA	Phone: 619-280-9210	Removed from Site (To date)

CAL CHECK →

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV) @ Excavated Load			Comment
	Every 15 min.	Reading	Hexane Factor			Every 15 min.	Reading	Hexane Factor	
7:30	0.0	1			10:30	0.0	1		
7:45	0.0	1			10:45	0.0	1		
8:00	0.0	1			11:00	0.0	1		
8:15	0.0	1			11:15	0.0	1		
8:30	0.0	1			11:30	0.0	1		
8:45	0.0	1			11:30-12 LUNCH				
9:00	0.0	1		ORGANIC SMALL GAS PLANT REACTS	12:00	0.0	1		
9:15	0.0	1			12:15	0.0	1		
9:30	0.0	1			12:30	0.0	1		
9:45	0.0	1			12:45	0.1	1		
10:00	0.0	1			13:00	0.0	1		
10:15	0.0	1			13:15	0.0	1		

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: [Signature]

DATE: 1/19/04

BARICH

TAIT - SOIL SURVEY INC

714-560-8672

TODD OFFICE

480-207-2192

cell 480-220-8414

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information Name: Former C-6 Facility, Parcel A Address: 19503 S. Normandie Ave, Los Angeles, CA City: Los Angeles Zip: 90501
Reference No(s): 28882 - 403	

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)
Brand: RAE SYSTEMS	Gas: HEXANE 101	Name: TRANS HAMMOND	Total Cubic Yds (This page)
Model: MINIRAE PLUS CLASSIC	Date: 1/19/04	Company: HALEY & ALDRICH	Total Cubic Yds (To date)
Type: PID	By: T. HAMMOND	Phone: 619-280-9210	Removed from Site (To date)

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
	Every 15 min.	Reading	Hexane Factor			Adjusted Reading	Every 15 min.	Reading	
13:30	0.0	1			16:30	0.0	1		
13:45	0.0	1							
14:00	0.0	1							
14:15	0.0	1							
14:30	0.0	1							
14:45	0.0	1							
15:00	0.0	1							
15:15	0.0	1							
15:30	0.0	1							
15:45	0.0	1							
16:00	0.1	1							
16:15	0.0	1							

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: _____

DATE: _____

END OF DAY PID CAL CHECK w/ 101 Hex → 92.3 ppm = OK

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information	
	Name: Former C-6 Facility, Parcel A	
	Address: 19503 S. Normandie Ave, Los Angeles, CA	
Reference No(s):	28882 - 403	City: Los Angeles Zip: 90501

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)	
Brand: MINIRAE P.	Gas: HEX 101	Name: TRAVIS HAMMOND	Total Cubic Yds (This page)	
Model: PLUS CLASSIC	Date: 1/20/04	Company: HALEY & ALDRICH	Total Cubic Yds (To date)	
Type: PID	By: T. HAMMOND	Phone: 619-280-9210	Removed from Site (To date)	

SN 103997

CAL CHECK → 100

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV) @ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
7:00	0.0	1							
7:15	0.1	1							
7:30	0.1	1							
7:45	0.1	1							
8:00	0.1	1							
8:15	0.1	1							
8:30	0.1	1							
8:40	0.1	1							
8:40 - 11:20				NO EXCAVATION					
11:20	0.1	1							
11:45	0.1	1							

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: [Signature]

DATE: 1/21/04

NEW ZEALAND

SCOTLAND

S. AFRICA

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information Name: Former C-6 Facility, Parcel A Address: 19503 S. Normandie Ave, Los Angeles, CA City: Los Angeles Zip: 90501
Reference No(s). 2888Z - 403	

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary <small>(Upon completion of each page)</small>
Brand: MINIKAE	Gas: HEXANE 101	Name: TRAVIS HAMMOND	Total Cubic Yds (This page)
Model: PLUS CLASSIC	Date: 1/21/04	Company: HALEY & ALDRICH	Total Cubic Yds (To date)
Type: PID	By: T. HAMMOND	Phone: 619-280-9210	Removed from Site (To date)

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
	Reading	Hexane Factor	Adjusted Reading			Reading	Hexane Factor	Adjusted Reading	
7:00	0.1	1							
7:15	0.1	1							
7:30	0.1	1							
7:45	DONE								

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE:  DATE: 1/21/04

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information	
	Name: Former C-6 Facility, Parcel A	
Reference No(s): 28882 - 403	Address: 19503 S. Normandie Ave, Los Angeles, CA	
	City: Los Angeles	Zip: 90501

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary (Upon completion of each page)	
Brand: RAE	Gas: HEX 101	Name: TRAVIS HAMMOND	Total Cubic Yds (This page)	
Model: PUMP RAE PLUS CLASSIC	Date: 1/27/04	Company: HALEY & ALMICH	Total Cubic Yds (To date)	
Type: PID	By: TSH	Phone: 619-280-9210	Removed from Site (To date)	

CAL CHECK → 101

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV) @ Excavated Load			Comment
	Every 15 min.	Reading	Hexane Factor			Every 15 min.	Reading	Hexane Factor	
7:30		0.1	1	0.1					
7:45		0.1	1	0.1					
8:00		0.1	1	0.1					
8:15		0.1	1	0.1					
8:30		0.1	1	0.1					
8:45		0.1	1	0.1					
9:00		0.1	1	0.1					
9:15		0.1	1	0.1					
9:30		0.1	1	0.1					
9:45		0.1	1	0.1					

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: 

DATE: 1/27/04

(TSH)

Rule 1166 Soil Monitoring Records

CO ID: 133607 The Boeing Company	Facility/Site Information Name: Former C-6 Facility, Parcel A Address: 19503 S. Normandie Ave, Los Angeles, CA City: Los Angeles Zip: 90501
Reference No(s).	

Monitor Information	Calibration Data	Monitoring Personnel	Excavation Summary <small>(Upon completion of each page)</small>
Brand: RAE SYSTEMS	Gas: HEX 101	Name: TRAVIS HAMMOND	Total Cubic Yds (This page)
Model: MINI RAE + CLASSIC	Date: 1/28/04	Company: HALEY & ALDRICH	Total Cubic Yds (To date)
Type: PID	By: TSH	Phone: 619-280-9210	Removed from Site (To date)

Time	VOC Concentration (PPMV) @ Excavated Load			Comment	Time	VOC Concentration (PPMV)@ Excavated Load			Comment
Every 15 min.	Reading	Hexane Factor	Adjusted Reading		Every 15 min.	Reading	Hexane Factor	Adjusted Reading	
7:30	0.1	1	0.1						
7:45	0.1	1	0.1						
8:00	0.1	1	0.1						
	NO LOADING			8-12					
12:00	0.1	1	0.1						
12:15	0.1	1	0.1						

I certify that the information contained in the above document is true and correct. I further certify that the above listed hydrocarbon monitor was operated in a manner consistent with the manufacturer's specifications and the conditions specified within this plan. In addition, I certify that the above readings represent the actual measurements I observed and recorded during the excavation process.

SIGNATURE: 

DATE: 1/29/04